



CLAIMS

Please replace the claims with the following clean version of all claims in accordance with 37CFR §1.121(c)(1)(i). A marked up copy showing any changes to the claims is also attached as set forth in 37CFR §1.121(c)(1)(ii).

What is claimed is:

1 - 197. (CANCELLED)

198. (ONCE AMENDED) A system for transferring items having value in a computer network comprising:

a plurality of user terminals coupled to a computer network;  
a database system coupled to said network and remote from said plurality of user terminals for storing information about one or more users using said plurality of user terminals; and

a server system coupled to said network, said server system comprising cryptographic capabilities for transferring an item having value utilizing said information stored in said database system.

199. (ONCE AMENDED) The system of claim 198, further comprising a plurality of postal security device data stored in said database system for ensuring authenticity of each of said one or more users, wherein each postal security device data is

related to one of said users and said postal security device data related to said one of said users associated with said cryptographic capabilities when said one of said users requests to print said item having value.

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200 (PLEASE CANCEL WITHOUT PREJUDICE)

201. (ONCE AMENDED) The system of claim 198, wherein said database system comprises data for creating indicium, account maintenance, and revenue protection.

202. (ONCE AMENDED) The system of claim 198, wherein said item having value is a mail piece.

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203. (ONCE AMENDED) The system of claim 198, wherein said server system comprising said cryptographic capabilities further comprises a cryptographic device generates a digital signature in response to a user request for printing.

204. (ONCE AMENDED) The system of claim 198, wherein said server system comprising said cryptographic capabilities further comprises a cryptographic device that encrypts the requested information in response to a user request for printing said item having value.

205. (ONCE AMENDED) The system of claim 202, wherein said server system comprising said cryptographic capabilities further comprises a cryptographic device that generates data sufficient to print a postal indicium in compliance with postal service regulations on said mail piece.

206. (ONCE AMENDED) The system of claim 198, wherein said item having value comprises a ticket.

207. (ONCE AMENDED) The system of claim 198, wherein a bar code is printed on said item having value.

208. (ONCE AMENDED) The system of claim 198, wherein said item having value comprises a coupon.

209. (UNCHANGED) The system of claim 199, wherein said postal security device data comprises an ascending register value, a descending register value, a respective cryptographic device ID, and an indicium key certificate serial number.

210. (ONCE AMENDED) The system of claim 199, wherein said postal security device data comprises a private key, a public key, and a public key certificate, wherein said private key is used to sign device status responses and said item having value which, in conjunction with said public key certificate, demonstrates that said postal security device and said item having value are authentic.

211. (UNCHANGED) The system of claim 210, wherein said private key is used to sign device status responses.

212. (ONCE AMENDED) The system of claim 210, wherein said item having value in conjunction with said public key certificate, authenticates said postal security device and said item having value.

213. (ONCE AMENDED) The system of claim 198, wherein said cryptographic capabilities comprises a cryptographic device and said cryptographic device protects data using a stored secret.

214. (UNCHANGED) The system of claim 213, wherein said secret is a password.

215. (UNCHANGED) The system of claim 213, wherein said secret is a public and private key pair.

216. (ONCE AMENDED) A method for secure processing of items having value in a computer network comprising a plurality of user terminals comprising:  
storing information about one or more users using a plurality of user terminals in a database system coupled to a network and remote from said plurality of user terminals;  
and

performing secure functions for an item having value utilizing said information stored in said database system to execute cryptographic capabilities remote from said plurality of user terminals.

217. (ONCE AMENDED) The method of claim 216 further comprising storing a plurality of postal security device data in said database system, wherein each of said security device data is related to one of said users.

218. (ONCE AMENDED) The method of claim 217 further comprising loading a postal security device data related to said cryptographic capabilities when said one of said users requests to print a said item having value .

219. (UNCHANGED) The method of claim 216 further comprising  
authenticating the identity of each user.

220. (ONCE AMENDED) The method of claim 219 further comprising verifying that the identified user is authorized to print said item having value.

221. (ONCE AMENDED) The method of claim 216, wherein said item having value is a mail piece.

222. (ONCE AMENDED) The method of claim 216, wherein said cryptographic capabilities are provided by a cryptographic device configured to generate a digital signature in response to a user request for printing said item having value.

223. (ONCE AMENDED) The method of claim 216, wherein said cryptographic capabilities comprises a cryptographic device configured to encrypt the requested information in response to a user request for printing said item having value.

224. (ONCE AMENDED) The method of claim 221, wherein cryptographic capabilities comprises a cryptographic device configured to generate data sufficient to print a postal indicium compliance with postal service regulations on said mail piece.

225. (ONCE AMENDED) The method of claim 216, wherein said item having value is a ticket.

226. (ONCE AMENDED) The method of claim 216, wherein a bar code is printed on said item having value.

227. (ONCE AMENDED) The method of claim 216, further comprising printing a coupon.

228. (UNCHANGED) A method for secure processing of a value bearing item on a computer network having a plurality of users using a plurality of computer

terminals for connecting to said network and a plurality of cryptographic devices remote from said plurality of users and coupled to said network, each cryptographic device executing a plurality of postal security device transactions, the method comprising:

requesting by a user authorization for printing a value bearing item;

assigning a postal security device data to the requesting user, wherein said postal security device data may be executed on any of said plurality of cryptographic devices;

authenticating the identity of said user;

granting the requested print if the identity of said user is authenticated; and

printing said value-bearing item.

229. (UNCHANGED) The method of claim 228, further comprising storing data for creating indicium, account maintenance, and revenue protection.

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230. (ONCE AMENDED) The method of claim 228, wherein said value-bearing item is a mail piece.

231. (ONCE AMENDED) The method of claim 228, wherein said cryptographic device generates a digital signature in response to a user request for printing said value-bearing item.

232. (ONCE AMENDED) The method of claim 228, wherein said cryptographic device encrypts the requested information in response to a user request for printing said value-bearing item.

233. (UNCHANGED) The method of claim 230, wherein said cryptographic device generates data sufficient to print a postal indicium in compliance with postal service regulations on said mail piece.

234. (UNCHANGED) The method of claim 228, wherein said value-bearing item is a ticket.

235. (UNCHANGED) The method of claim 228, wherein a bar code is printed on said value-bearing item.

236. (UNCHANGED) The method of claim 228, further comprising printing an image.

237. (UNCHANGED) The method of claim 228, wherein said postal security device data comprises an ascending register value, a descending register value, a respective cryptographic device ID, and an indicium key certificate serial number.

238. (UNCHANGED) The method of claim 228, further comprising using a private key to sign device status responses and said value-bearing item which, in conjunction with a public key certificate, demonstrates that said postal security device and said value-bearing item are authentic.